SRO 20/50

kV dependent max mA values for exposure times ≤ 100ms in combination with Optimus 50kW

kV	SF [µA]	LF [µA]	kV	SF [µA]	LF [µA]	kV	SF [µA]	LF [µA]	kV	SF [µA]	LF [µA]
40	146000	530000	70	184000	650000	100	200000	500000	130	153846	384615
41	147600	536600	71	185000	650000	101	198019	495049	131	152671	381679
42	149200	543200	72	186000	650000	102	196078	490196	132	151515	378787
43	150800	549800	73	187000	650000	103	194174	485436	133	150375	375939
44	152400	556400	74	188000	650000	104	192307	480769	134	149253	373134
45	154000	563000	75	189000	650000	105	190476	476190	135	148148	370370
46	155200	568400	76	190000	650000	106	188679	471698	136	147058	367647
47	156400	573800	77	191000	649350	107	186915	467289	137	145985	364963
48	157600	579200	78	192000	641025	108	185185	462962	138	144927	362318
49	158800	584600	79	193000	632911	109	183486	458715	139	143884	359712
50	160000	590000	80	194000	625000	110	181818	454545	140	142857	357142
51	161200	594800	81	195101	617283	111	180180	450450	141	141843	354609
52	162400	599600	82	196202	609756	112	178571	446428	142	140845	352112
53	163600	604400	83	197303	602409	113	176991	442477	143	139860	349650
54	164800	609200	84	198404	595238	114	175438	438596	144	138888	347222
55	166000	614000	85	199505	588235	115	173913	434782	145	137931	344827
56	167200	618400	86	200606	581395	116	172413	431034	146	136986	342465
57	168400	622800	87	201707	574712	117	170940	427350	147	136054	340136
58	169600	627200	88	202808	568181	118	169491	423728	148	135135	337837
59	170800	631600	89	203909	561797	119	168067	420168	149	134228	335570
60	172000	636000	90	205010	555555	120	166666	416666	150	133333	333333
61	173200	640200	91	206111	549450	121	165289	413223			
	174400	644400	92	207212	543478	122	163934	409836			
	175600	648600	93	208313	537634	123	162601	406504			
	176800	650000	94	209414	531914	124	161290	403225			
	178000	650000	95	210526	526315	125	160000	400000			
	179200	650000	96	208333	520833	126	158730	396825			
	180400	650000	97	206185	515463	127	157480	393700			
	181600	650000	98	204081	510204	128	156250	390625			
	182800	650000	99	202020	505050	129	155038	387596			

These are the default values of the tube data file TUBE_R2.TDL or TUBE_R3.TDL.
Typically there are no changes after adaptation except there are reductions due to the max generator power (Optimus 50kW = 650mA max) or if the filament does not have its full emission anymore (e.g. from shorted filament loops).
The red marked emission current values (at 95kV SF and 64kV LF) are the max emission currents at a kV value from which on the filament current can be reduced to achieve its max load performance.